

In the Drawings:

Accept the proposed drawing correction shown in red ink on the print of Figs. 8, 10 in applicant's Request for Approval of Drawing Correction, attached hereto as a separate document.

Upon receipt of Examiner's approval and a Notice of Allowability or a Notice of Allowance, a formal drawing, as so corrected, will be filed in this application.

New drawing sheets Figs. 1-7, 9 (7 sheets) in Triplicate - 21 sheets for the above application are corrected and submitted by Submission of Corrected Drawings attached hereto as a separate document. Please, substitute these for corresponding sheets on file.

In the Specification:

Please, amend the Specification as follows:

Page 1, line 3, \ after "airborne" insert --(gas)-- and after "particle" insert --and/or liquid contamination--;

line 9, delete "processing system and/".

Page 2, line 2, change "'Active'" to --Active--.

Page 3, line 2, after "processing" insert --.;

\ delete line 3 in its entirety;

\ delete line 4 in its entirety and insert therefor

--The known devices, having the particle detecting means,--;

line 5, change "can be" to --are--;

line 9 after "lenses" insert --.;

\ line 15, change "in" to --intersecting-- and change "dispersion" to

--processes--;

\ line 16, change "scattered light" to --light scattering--.

Page 4, \ line 1, after "example" insert --.;

\ line 6, delete "different";

\ line 8, change "sufficiently high" to --the sufficient--;

\ line 9, change "ments." to --ments to the particle counting and measuring

devices, because of the analog (amplitude) method of comparison.--;

\ line 11, change "system" to --means-- and change "and control" to

--means.--;

\ delete line 12 in its entirety;

\ line 13, change "system with" to --means to--;

\ line 14, change "being" to --which is-- and change "containing" to

--comprising--;

\ line 17, delete "(microprocessor)".

Page 5, \ line 1, change "Fig. 2" to --Fig. 2--;

\ line 2, change "35" to --20-- and change "75" to --22-- and change "76" to

--24(12)--;

\ line 14, change "detected signals and processing information." to --data processing signals.--.

Page 6, \ line 1, after "between" insert --the-- and delete "the microprocessor";

line 2, delete "(computers)";

line 3, change "analyzers and also the" to --analyzers. Also such-- and change "for known" to --in the known devices with the--;

line 4, change "sensor performance" to --sensors-- and change "means." to --instruments. Another known system by U.S. Patent No.4.160.246, intended for the smoke detection only (with no counting and measuring principles and means), comprises an infrared radiation source, photodetector, the frequency filters, audio amplifiers, annunciator driver, a plurality of light-emitting diodes (LED) and a horn or buzzer. This device uses only one-way wireless communication (from the smoke detector/transmitter to the receiver/annunciator). Such smoke detector system has not required two-way communication, because the smoke detector/transmitter is non-controllable, considering the "stand-by" (switched "on") alarm mode only (in compliance with the application field and functional intention of such devices). Also the device by U.S. Patent No.4.160.246 provides the signal analog processing method.--;

line 7, after "airborne" insert --(gas)--;
 line 8, change "methods" to --method--;
 line 9, change "analyzing means and precision of the complete information." to --particle counting and measuring means.--;

line 10, change "methods" to --method--;
 line 11, change "processes." to --processes and means.--;
 NE line 12, change "sensors" to --particle detecting means (sensors)--;
 NE line 14, change "methods" to --method--.

Page 7, lines 7, 9 change "apparatus for" to --apparatus.--;
 lines 8, 10 delete in their entirety;
 NE lines 12, 14, 16 change "apparatus for precise analyzing of environment." to --apparatus.--;

line 18, change "an improved method of the light detected signal" to --a timing--.

Page 8, delete line 3 in its entirety and insert therefor --munication apparatus (complex).--.

Page 10, line 12, change "a voltage-pulse" to --an analog-digital form pulse--;

line 13, change "(VDCM)" to --(ADCM)--.

Page 12, line 5, change "methods" to --method-- and after "communicating" insert --particle counting and measuring-- and delete "for precise analyzing";

line 6, delete "of environment";

line 8, change "methods" to --method and device-- and change "environment" to --the particle-- and after "provide" insert --an-- and after "airborne" insert --(gas)--;

line 11, change "with" to --to--.

Page 13, line 6, delete "The primer processing of the detected signals provides by timing method.";

line 7, after "amplified" insert --, conversed--;

line 17, delete "comprehensive".

Page 14, line 6, delete "for precise analyzing of";

line 7, delete "environment (" and delete ")".

Page 15, line 7, change "system 5" to --system (sensor) 5--.

Page 16, line 12, delete "an improved method of the";

line 13, delete "environment analyzing, using" and after "the" insert

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